

LD 5481

.U75 C



LD 5481  
.U75C  
Copy 1

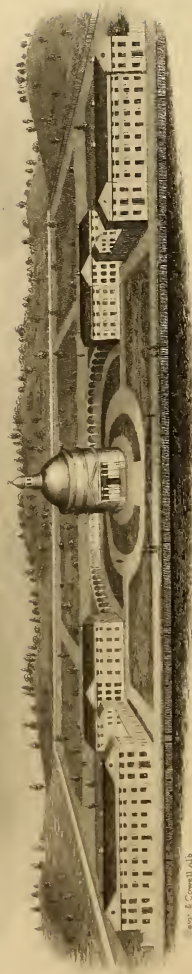
not the original - 224

<sup>h</sup>  
U N I O N .

'70.







# Harvard College.

Printed by J. C. Smith.

CATALOGUE  
OF THE  
OFFICERS AND STUDENTS  
AND  
REGISTER OF SOCIETIES  
IN  
UNION COLLEGE.

1869-70.

Issued by the Senior Class.

ALBANY, N. Y.:  
J. MUNSELL'S STEAM PRINTING HOUSE.  
1869.



LD 5481  
U75C

COMMITTEE OF PUBLICATION.

---

JOHN F. GENUNG,  
JAMES B. LOCKWOOD,  
CHARLES N. MATSON,  
ALEXANDER McLACHLAN,  
ALBERT D. PEAKE,  
ROBERT B. STILES.





## TRUSTEES.

---

HIS EXCELLENCY JOHN T. HOFFMAN, GOVERNOR.  
HON. ALLEN C. BEACH, LIEUT-GOVERNOR.  
HON. HOMER A. NELSON, SECRETARY OF STATE.  
HON. WILLIAM F. ALLEN, LL.D., COMPTROLLER.  
HON. WHEELER H. BRISTOL, TREASURER.  
HON. MARSHALL B. CHAMPLAIN, ATT'Y GENERAL.  
REV. JACOB VAN VECHTEN, D.D.

*Ex-Officio.*

EDWARD C. DELAVAN, Esq.

JAMES BROWN, Esq.

HON. IRA HARRIS, LL.D.

HON. BRADFORD R. WOOD.

HON. WILLIAM W. CAMPBELL, LL.D.

HON. RICHARD M. BLATCHFORD, LL.D.

REV. EBENEZER HALLEY, D.D.

HON. DAVID H. LITTLE.

REV. J. TRUMBULL BACKUS, D.D.

HON. CLARKSON N. POTTER.

HON. PLATT POTTER, LL.D.

HON. CHARLES C. NOTT.

WILLIAM TRACY, LL.D.

HON. WILLIAM F. ALLEN, LL.D.

---

## Visitors of the Nott Trust Fund.

URANIA E. NOTT.

REV. JOHN NOTT, D.D.

HON. WILLIAM W. CAMPBELL, LL.D.

HON. RICHARD M. BLATCHFORD, LL.D.

REV. J. TRUMBULL BACKUS, D.D.

REV. DENIS WORTMAN.

## FACULTY.

---

REV. CHARLES A. AIKEN, Ph. D.,  
*President.*

---

TAYLER LEWIS, LL.D.,  
*NOTT Professor (No. 6), of the Ancient and Oriental Languages.*

---

ISAAC W. JACKSON, LL.D.,  
*NOTT Professor (No. 2), of Mathematics.*

---

JOHN FOSTER, A.M.,  
*NOTT Professor (No. 8), of Natural Philosophy.*

---

JONATHAN PEARSON, A.M.,  
*Professor of Natural History.*

---

BENJAMIN STANTON, A.M.,  
*NOTT Professor (No. 7), of the Latin Language and Literature.*

---

WILLIAM WELLS, A.M.,  
*Professor of Modern Languages and Literature.*

---

MAURICE PERKINS, A.M.,  
*NOTT Professor (No. 3), of Analytical Chemistry ; and Curator of the  
Museum.*

---

REV. RANSOM BETHUNE WELCH, D.D.,  
*NOTT Professor (No. 5), of Logic, Rhetoric and English Literature ;  
and Acting Professor of Mental Philosophy.*

---

HENRY WHITEHORNE, A.M.,  
*NOTT Professor (No. 1), of the Greek Language and Literature.*

---

CADY STALEY, A.M.,  
*Adjunct Professor of Civil Engineering and Mathematics.*

---

LEWIS H. ROCKWELL, A.M.,  
*Tutor in Mathematics.*

---

HARRISON E. WEBSTER,  
*Tutor in Natural History.*

---

SAMUEL B. HOWE, A.M.,  
*NOTT (adjunct) Professor (No. 4); Principal of the Classical Department  
of Schenectady Union School.*

---

HENRY C. WHITING, A.B.,  
*Assistant Teacher in the Classical Department of the Schenectady  
Union School.*

---

JONATHAN PEARSON, A.M.,  
*Treasurer and Librarian.*

---

EDGAR M. JENKINS,  
*Assistant Treasurer and Registrar.*






## *C A L E N D A R .*

1869-70.

---

FIRST TERM BEGINS	-	-	-	-	Wednesday, Sept.	8, 1869.
FIRST TERM ENDS	-	-	-	-	Wednesday, Dec.	22, 1869.
SECOND TERM BEGINS	-	-	-	-	Wednesday, Jan.	5, 1870.
SECOND TERM ENDS	-	-	-	-	Wednesday, March	30, 1870.
THIRD TERM BEGINS	-	-	-	-	Wednesday, April	6, 1870.
THIRD TERM ENDS	-	-	-	-	Wednesday, June	29, 1870.
PHI BETA KAPPA AND GRADUATES' DAY					Tuesday,	June 28, 1870.
COMMENCEMENT	-	-	-	-	Wednesday, June	29, 1870.





CATALOGUE

OF

STUDENTS.



## Abbreviations.

---

*C. Classical Students.*

*S. Scientific Students.*

*N. C. North College.*

*S. C. South College.*

*N. Colon. North Colonnade.*

*S. Colon. South Colonnade.*

---

*The absence of a prefix indicates students in partial courses,  
reciting mostly in the classes with which their names are registered.*

*\* Dead.*

*† Left College.*

# SENIOR CLASS.



Ὁδὸν εὐρήσομεν ἢ ποιήσομεν.

## OFFICERS.

<i>President,</i>	-	-	-	-	-	CYRUS A. PEAKE.
<i>Vice-President,</i>	-	-	-	-	-	JEFFERSON W. HOAG.
<i>Secretary,</i>	-	-	-	-	-	CLARENCE W. BACKUS.
<i>Treasurer,</i>	-	-	-	-	-	JAMES P. BRYANT.

NAMES.	RESIDENCES AND ROOMS.
C CLARENCE W. BACKUS,.....	<i>Schenectady, 10 S. C.</i>
† C JAMES G. BALDWIN, ...	<i>Columbus, Miss.</i>
† S ARTHUR L. BARNEY,.....	<i>New York.</i>
C JOHN H. CLARK,.....	<i>Lyons, 56 N. C.</i>
C ANDREW M. CLUTE,.....	<i>Schenectady, 183 Union St.</i>
† S RUSSELL R. DORR,.....	<i>Centre Rutland, Vt.</i>
C HENRY EASSON, JR.,.....	<i>Walton, 12 Clinton St.</i>
† S JOHN J. FREELAND,.....	<i>Millersburg, Ind.</i>
C GEORGE F. GENUNG,.....	<i>Owego, 11 S. C.</i>
C JOHN F. GENUNG,.....	<i>Owego, 11 S. C.</i>
† C WILLIAM F. GRAY,.....	<i>Albany, 28 S. C.</i>
S WILLIS B. HALE,.....	<i>Cleveland, Ohio, 22 S. C.</i>
S JOHN G. HEATH,.....	<i>Amsterdam, 9 S. C.</i>
C JEFFERSON W. HOAG,.....	<i>Newark, 54 N. C.</i>
† C STEPHEN W. KEARNEY,.....	<i>St. Louis, Mo.</i>
C CHARLES C. LESTER,.....	<i>Saratoga Springs, 86 N. C.</i>
† S WILLIAM J. LIDDLE,.....	<i>Duaneburgh.</i>
C JAMES B. LOCKWOOD,.....	<i>White Plains, 24 S. C.</i>
S ARCHIBALD LYBOLT,.....	<i>Mongaup Valley, 48 S. C.</i>
C ALEXANDER McLACHLAN,.....	<i>Hamden, 2 S. Colon.</i>
C WILLIAM E. MAPES,.....	<i>Florida, 5 S. C.</i>



NAMES.	RESIDENCES AND ROOMS.
CHARLES N. MATSON, .....	<i>Owego, 7 S. C.</i>
† C THOMAS M. MAXWELL, .....	<i>Madison, Wis.</i>
C ROBERT P. ORR, .....	<i>West Galway, 38 S. C.</i>
S JAMES OTIS, .....	<i>Schenectady, 15 S. C.</i>
† S RANSOM S. PATTISON, .....	<i>Brooklyn.</i>
C ALBERT D. PEAKE, .....	<i>Hamden, 62 N. C.</i>
C CYRUS A. PEAKE, .....	<i>Hamden, 62 N. C.</i>
C MAX SCHWERIN, JR., .....	<i>Schenectady, 136 Union St.</i>
C ALBERT SMITH, .....	<i>Rupert, Vt., 5 S. C.</i>
† C SILAS C. SMITH, .....	<i>Meredith.</i>
C JOSEPH SHERMAN, JR., .....	<i>New Baltimore, 23 S. C.</i>
† C GEORGE STERLING, .....	<i>New Milford, Conn.</i>
† S ISAAC H. TOLL, .....	<i>Scotia.</i>
S MAJOR A. VEEDER, .....	<i>Schenectady, Troy Road.</i>
C JAMES W. VERBECK, .....	<i>Saratoga Springs, 9 S. C.</i>
† S EDWIN S. WEEKS, .....	<i>Boston, Mass.</i>

---

JAMES P. BRYANT, .....	<i>North East, Prof. Foster's Room.</i>
CLARK B. GILLETTE, .....	<i>Victor, 1 N. Colon.</i>
ZUINGLIUS K. McCORMACK, .....	<i>Danville, Ind. 53 N. C.</i>
ROBERT B. STILES, ...	<i>Broad Brook, Conn. 70 N. C.</i>
JAMES E. WELD, .....	<i>Charlton, 44 S. C.</i>





# JUNIOR CLASS.

'73.

οὐ ζῆν ἀλλ' εὖ ζῆν.

## OFFICERS.

<i>President,</i>	-	-	-	NELSON G. ISBELL, JR.
<i>Vice-President,</i>	-	-	-	PRESTON KING.
<i>Secretary,</i>	-	-	-	FREDERICK A. BECKWITH.
<i>Treasurer,</i>	-	-	-	ALMON G. BARDIN.

NAMES.	RESIDENCES AND ROOMS.
† S THOMAS E. ARMSTRONG, .....	<i>Plattsburgh.</i>
C DAVID S. BAKER, .....	<i>Mechanicville, 42 S. C.</i>
S FREDERICK A. BECKWITH, .....	<i>Whitehall, 73 N. C.</i>
† C STEPHEN H. BISHOP, .....	<i>Stanfordville.</i>
C GEORGE W. BRISTOL, .....	<i>Owego, 27 S. C.</i>
† C CHARLES A. CLARK, .....	<i>Green Port.</i>
C ERNEST A. M. CORBIN, .....	<i>South Owego, 30 S. C.</i>
S HARRY CRANE, .....	<i>Schenectady, 91 N. C.</i>
C GEORGE R. DONNAN, .....	<i>Galway, 38 S. C.</i>
† C CHARLES M. ELLIOTT, .....	<i>Green Island.</i>
C G. W. FEATHERSTONHAUGH, .....	<i>Schenectady, 92 N. C.</i>
C T. R. FEATHERSTONHAUGH, .....	<i>Schenectady, 92 N. C.</i>
S STANISLAUS P. FRANCHOT, .....	<i>Schenectady, 87 N. C.</i>
* C FRED. E. HARDIN, .....	<i>Monmouth, Ill.</i>
S CHARLES T. HAVILAND, .....	<i>Waterville, Me., 74 N. C.</i>
† S IRVING HOAGLAND, .....	<i>Townsbury, N. J.</i>
S JOHN S. V. R. HOFF, .....	<i>Albany, 81 N. C.</i>
C CHARLES E. HOLLENBACK, .....	<i>Owego, 32 S. C.</i>
S NELSON G. ISBELL, JR., .....	<i>Detroit, Mich., 76 N. C.</i>
C WILLIAM W. JENKS, .....	<i>Owego, 32 S. C.</i>
† S THOMAS A. KELLEY, .....	<i>Cleveland, Ohio.</i>

NAMES.	RESIDENCES AND ROOMS.
<i>S</i> PRESTON KING,.....	<i>Hammonton, N. J., 31 S. C.</i>
<i>S</i> WILLIAM H. LAMBERT,.....	<i>Brooklyn, 45 S. C.</i>
<i>C</i> JOHN P. LELAND, .....	<i>Mechanicville, 6 S. C.</i>
<i>C</i> WM. H. MATTHEWS, JR.,.....	<i>Fort Edward, 42 S. C.</i>
<i>C</i> WILLIAM S. MILLER,.....	<i>Schaghticoke, 57 N. C.</i>
† <i>C</i> BERNARD F. O'REILLY,.....	<i>Lansingburgh.</i>
† <i>S</i> WILLIAM H. ROSS, JR.,.....	<i>Albany.</i>
† <i>S</i> JAMES C. SHELLAND, .....	<i>Worcester.</i>
<i>C</i> PHILO W. SPRAGUE,.....	<i>Schenectady, 37 Church St.</i>
<i>S</i> EMMET T. WATERMAN,.....	<i>Lisha's Kill, 77 N. C.</i>
† <i>S</i> ARTHUR F. WENDT,.....	<i>Hoboken, N. J.</i>
<i>S</i> HERBERT S. WILBUR, .....	<i>Lowville, 78 N. C.</i>
† <i>C</i> EGBERT D. WILLIAMS, .....	<i>Brooklyn.</i>
<i>C</i> GABRIEL W. WISNER, .....	<i>Elmira, 41 S. C.</i>
<i>S</i> FRANK WALLACK,.....	<i>Hoboken, N. J., 37 S. C.</i>
<i>C</i> CHAUNCEY YATES,.....	<i>Schenectady, 262 State St.</i>

---

JOSEPH C. HOSTETLER, ... .. *Decatur, Ill., 173 Union St.*

HOWARD R. WALLIS,..... *Muncy Pa., 2 S. C.*

39.



# SOPHOMORE CLASS.

## '72.

Τὰ ἀνω ζηλούτε.

### OFFICERS.

<i>President,</i>	-	-	-	-	JOHN C. BARRY.
<i>Vice-President,</i>	-	-	-	-	CLARENCE L. CROFTS.
<i>Secretary,</i>	-	-	-	-	WILLIAM H. SELLECK.
<i>Treasurer,</i>	-	-	-	-	ELBERT S. ROOS.

NAMES.	RESIDENCES AND ROOMS.
S JAMES E. ALLEN, .....	<i>Schenectady</i> , 14 S. C.
C ANDREW W. ARCHIBALD, .....	<i>New Kingston</i> , 39 S. C.
S JOHN C. BARRY, .....	<i>Owego</i> , 20 S. C.
† C GEORGE H. BENJAMIN, .....	<i>Schenectady</i> .
S AUSTIN C. BOYNTON, .....	<i>Emporium, Pa.</i> , 96 N. C.
S CHARLES E. CHEESMAN, .....	<i>Fort Edwcard</i> , 26 S. C.
S CLARENCE L. CROFTS, .....	<i>Hudson</i> , 43 S. C.
C CHARLES L. ELWOOD, .....	<i>Schenectady</i> , 232 State St.
† S ARCHIBALD R. GRAY, .....	<i>Auburn</i> .
S BYRON HORTON, .....	<i>Liberty Falls</i> , 48 S. C.
C WILLIAM J. KLINE, .....	<i>Fultonville</i> , 28 S. C.
S DANIEL S. LAMONT, .....	<i>McGrawville</i> , 8 S. C.
C CHARLES H. MILLS, .....	<i>Albany</i> , 40 S. C.
S BENJAMIN M. PEEK, .....	<i>Brooklyn</i> , 96 N. C.
S GEORGE C. RIDER, .....	<i>Rider's Mills</i> , 47 S. C.
S ELBERT S. ROOS, .....	<i>New Hurley</i> , 46 S. C.
S WILLIAM H. SELLECK, .....	<i>Michigan City, Ind.</i> , 46 S. C.
C GEORGE D. SLOCUM, .....	<i>Schuylerville</i> , 89 S. C.
C EDGAR F. SWORTFIGUER, .....	<i>Schenectady</i> , 52 Washington Ave.
S JOHN M. THOMAS, .....	<i>Albany</i> , 25 S. C.
C HOWARD THORNTON, .....	<i>Schenectady</i> , 95 N. C.

NAMES.	RESIDENCES AND ROOMS.
† S WILLIAM S. WEBB, .....	<i>New York.</i>
† C DANIEL B. WOOD, .....	<i>Allentown, Pa.</i>
C JOSEPH H. WRIGHT, .....	<i>Meredith, 39 S. C.</i>

---

THOMAS C. BUNYAN, .....	<i>Charlton; 44 S. C.</i>
EDWARD M. DOBBIN, .....	<i>Binghamton, 17 S. C.</i>
JASPER C. GATES, .....	<i>Alleghany, Pa., 89 N. C.</i>
† HIRAM A. TORREY, .....	<i>New Orleans, La.</i>

# FRESHMAN CLASS

## '73.

Ἐξ ὑμῶν πρὸς τὸ φῶς.

### OFFICERS.

<i>President,</i>	-	-	-	JOHN W. LESTER.
<i>Vice-President,</i>	-	-	-	BENJAMIN I. STANTON.
<i>Secretary,</i>	-	-	-	NEWTON DEXTER.
<i>Treasurer,</i>	-	-	-	JAMES H. HOYT.

NAMES.	RESIDENCES AND ROOMS.
S EDWARD M. BARRINGER, ..	<i>Schenectady</i> , 2 Union St.
C WILLIAM T. CLUTE, .....	<i>Schenectady</i> , 75 N. C.
C JOHN D. COUNTERMINE, .....	<i>Mariaville</i> , 8 S. C.
C NEWTON DEXTER, .....	<i>Albany</i> , 18 S. C.
S AUSTIN W. DUNHAM, .....	<i>Albany</i> , 28 S. C.
C WILLIAM E. FAULKNER, .....	<i>Milton</i> , 60 N. C.
C JAMES H. HOYT, .....	<i>Milton</i> , 90 N. C.
S JOHN W. LESTER, .....	<i>Saratoga Springs</i> , 86 N. C.
C EUGENE L. MAPES, .....	<i>Florida</i> , 5 S. C.
S MURRAY D. McCONNEL, ..	<i>Jacksonville, Ill.</i> , 40 S. C.
C CHARLES L. POND, .....	<i>Saratoga Springs</i> , 90 N. C.
C HENRY A. POWELL, ..	<i>Chatham</i> , 45 S. C.
S JOHN M. RIDER, .....	<i>Chatham</i> , 47 S. C.
C WILLIAM ROST, .....	<i>Schenectady</i> , cor. Liberty and
C WILLIAM P. RUDD, .....	<i>Albany</i> , 25 S. C. [Centre Sts.
C ALEXIS C. SMITH, .....	<i>Brooklyn</i> , 85 N. C.
S ARTHUR H. SNELL, .....	<i>Schenectady</i> , 14 Liberty St.
C BENJAMIN I. STANTON, .....	<i>Schenectady</i> , Prof. Stanton's.
C CHARLES TEN BROECK, .....	<i>Rhinebeck</i> , 60 N. C.
C GEORGE VAN BUREN, .....	<i>Canandaigua</i> , 13 S. C.
C JAMES L. VEEDER, .....	<i>Fonda</i> , 18 S. C.

# S T U D E N T S OF CIVIL ENGINEERING.

## SENIORS.

NAMES.	RESIDENCES AND ROOMS.
CLARENCE A. CARPENTER,...	<i>Saratoga Springs, 29 S. C.</i>
JOSEPH G. CREAMER,.....	<i>Patterson, N. J., 23 S. C.</i>
SOLOMON L. F. DEYO, .....	<i>Modena, 12 S. C.</i>
EDWARD L. P. DICKEY, .....	<i>Warren, Ohio, 66 N. C.</i>
JOHN B. MCINTYRE, A. B.,.....	<i>Albany.</i>
FRIEND F. MERRIMAN, .....	<i>Pittston, Pa., 68 N. C.</i>
CHARLES E. MOORE,.....	<i>Rupert, Vt., 56 Jay St.</i>
JAMES OTIS, .....	<i>Schenectady, 15 S. C.</i>
EDWIN VAN ANTWERP,.....	<i>Schenectady, 15 Lafayette St.</i>
MAJOR A. VEEDER,.....	<i>Schenectady, Troy Road.</i>

10.

## JUNIORS.

ALMON G. BARDIN,.....	<i>Queensbury, 30 S. C.</i>
WILLIAM D. BULLOCK, .....	<i>Warren, R. I., 29 S. C.</i>
HARRY CRANE,.....	<i>Schenectady, 91 N. C.</i>
EDWARD M. DOBBIN,.....	<i>Binghamton, 17 S. C.</i>
STANISLAUS P. FRANCHOT,.....	<i>Schenectady, 87 N. C.</i>
CHARLES T. HAVILAND, .....	<i>Waterville, Me., 74 N. C.</i>
JOHN G. HEATH,.....	<i>Amsterdam, 9 S. C.</i>
PRESTON KING, .....	<i>Hammonton, N. J. 31 S. C.</i>
ASA L. ROGERS,.....	<i>Greenwich, 16 S. C.</i>
JOSEPH SHERMAN, JR.,.....	<i>New Baltimore, 23 S. C.</i>
HOWARD R. WALLIS, .....	<i>Muncy, Pa., 2 S. C.</i>
HERBERT S. WILBUR,.....	<i>Lowville, 78 N. C.</i>

12.



# STUDENTS

OF

## ANALYTICAL CHEMISTRY.

NAMES.	RESIDENCES AND ROOMS.
CLARENCE W. BACKUS, .....	<i>Schenectady</i> , 10 S. C. [room.
JAMES P. BRYANT, .....	<i>North East</i> , Prof. Foster's
CLARENCE A. CARPENTER, .....	<i>Saratoga Springs</i> , 29 S. C.
JOSEPH G. CREAMER, .....	<i>Patterson, N. J.</i> , 23 S. C.
SOLOMON L. F. DEYO, .....	<i>Modena</i> , 12 S. C.
EDWARD L. P. DICKEY, .....	<i>Warren, Ohio</i> , 66 N. C.
HENRY EASSON, JR., .....	<i>Walton</i> , 12 Clinton St.
GEORGE F. GENUNG, .....	<i>Owego</i> , 11 S. C.
JOHN F. GENUNG, .....	<i>Owego</i> , 11 S. C.
WILLIAM F. GRAY, .....	<i>Albany</i> , 28 S. C.
WILLIS B. HALE, .....	<i>Cleveland, Ohio</i> , 22 S. C.
JOHN G. HEATH, .....	<i>Amsterdam</i> , 9 S. C.
JOHN S. V. R. HOFF, .....	<i>Albany</i> , 81 N. C.
CHARLES C. LESTER, .....	<i>Saratoga Springs</i> , 86 N. C.
JAMES B. LOCKWOOD, .....	<i>White Plains</i> , 24 S. C.
WILLIAM E. MAPES, .....	<i>Florida</i> , 5 S. C.
ZUINGLIUS K. MCCORMACK, .....	<i>Danville, Ind.</i> , 53 N. C.
JOHN B. MCINTYRE, A. B., .....	<i>Albany</i> .
FRIEND F. MERRIMAN, .....	<i>Pittston, Pa.</i> , 68 N. C.
CHARLES E. MOORE, .....	<i>Rupert, Vt.</i> , 56 Jay St.
ROBERT P. ORR, .....	<i>West Galway</i> , 38 S. C.
JAMES OTIS, .....	<i>Schenectady</i> , 15 S. C.
ALBERT D. PEAKE, .....	<i>Hamden</i> , 62 N. C.
CYRUS A. PEAKE, .....	<i>Hamden</i> , 62 N. C.
ALBERT SMITH, .....	<i>Rupert, Vt.</i> , 5 S. C.
GUSTAVUS STEINFUHRER, .....	<i>Schenectady</i> .
ROBERT B. STILES, .....	<i>Broad Brook, Conn.</i> , 70 N. C.
EDWIN VAN ANTWERP, .....	<i>Schenectady</i> , 15 Lafayette St.
MAJOR A. VEEDER, .....	<i>Schenectady</i> , Troy Road.

# Recapitulation by States.

1. NEW YORK, - - - - -	111
2. PENNSYLVANIA, - - - - -	5
3. NEW JERSEY, - - - - -	5
4. INDIANA, - - - - -	3
5. OHIO, - - - - -	3
6. VERMONT, - - - - -	3
7. CONNECTICUT, - - - - -	2
8. ILLINOIS, - - - - -	3
9. LOUISIANA, - - - - -	1
10. MAINE, - - - - -	1
11. MASSACHUSETTS, - - - - -	1
12. MICHIGAN, - - - - -	1
13. MISSISSIPPI, - - - - -	1
14. MISSOURI, - - - - -	1
15. RHODE ISLAND, - - - - -	1
16. WISCONSIN, - - - - -	1
TOTAL, - - - - -	<u>143</u>

## SUMMARY.

SENIOR CLASS, - - - - -	42
JUNIOR CLASS, - - - - -	39
SOPHOMORE CLASS, - - - - -	28
FRESHMAN CLASS, - - - - -	21
STUDENTS IN ANALYTICAL CHEMISTRY, - - - - -	29
STUDENTS IN CIVIL ENGINEERING, - - - - -	22
	<u>181</u>
REGISTERED MORE THAN ONCE, - - - - -	38
TOTAL, - - - - -	<u>143</u>



# Prizes Awarded at Commencement,

JULY, 1868.

## NOTT SCHOLARSHIP PRIZE.

*Class of 1869.*

WILLIAM P. McLAURY, - - - - - Walton, N. Y.

*Class of 1870.*

JOHN H. CLARK, - - - - - Lyons, N. Y.

ALBERT SMITH, - - - - - Rupert, Vt.

*Class of 1872.*

ANDREW W. ARCHIBALD, - - - - - New Kingston, N. Y.

JOSEPH H. WRIGHT, - - - - - Meredith, N. Y.

## WARNER PRIZE.

EGBERT C. LAWRENCE, - - - - - Owego, N. Y.

## INGHAM PRIZE.

THOMAS GILPIN, - - - - - Elkton, Md.

## BLATCHFORD ORATORICAL MEDALS.

FIRST...SEYMOUR M. GRACE, - - - - - Fort Edward, N. Y.

SECOND...EDWARD McKEE, - - - - - Kortright, N. Y.

## PRIZE ESSAYS.

FIRST...EDWARD McKEE, - - - - - Kortright, N. Y.

SECOND...ROBERT SHAW, - - - - - Hartford, Ct.

## PRIZE SPEAKING, JUNE 27, 1869.

### JUNIORS.

FIRST...MAJOR A. VEEDER, - - - - - Schenectady, N. Y.

SECOND...JEFFERSON W. HOAG, - - - - - Newark, N. Y.

### SOPHOMORES.

FIRST...DAVID S. BAKER, - - - - - Mechanicville, N. Y.

SECOND...WILLIAM H. MATTHEWS, JR., - - - - - Fort Edward, N. Y.



## Honors of the Graduating Class,

1869.



GREEK ORATION,	-	-	-	WILLIAM P. McLAURY, <i>Walton, N. Y.</i>
LATIN ORATION,	-	-	-	EGBERT C. LAWRENCE, <i>Owego, N. Y.</i>
GERMAN ORATION,	-	-	-	KENNETH CLARK, <i>Fort Plain, N. Y.</i>
FRENCH ORATION,	-	-	-	SIDNEY A. LOOMIS, <i>Little Falls, N. Y.</i>



# OFFICERS

OF THE

## ALUMNI ASSOCIATION.

---

HIS EXCELLENCY JOHN T. HOFFMAN, LL.D., *President.*

RT. REV. HORATIO POTTER, D.D., LL.D.,

PROF. FRANK H. HAMILTON, LL.D.,

HON. AMASA J. PARKER, LL.D.,

HON. HENRY R. PIERSON,

*Vice-  
Presidents.*

ALEXANDER J. THOMPSON, A. M., *Cor. Sec.*

LEWIS H. ROCKWELL, A. M., *Rec. Sec.*

PROF. JONATHAN PEARSON, A. M., *Treasurer.*

GEORGE GILBERT, A. M., *Librarian.*

### COUNCILORS.

HON. LYMAN K. BASS,

PROF. DAVID MURRAY, Ph. D.,

LEWIS E. GURLEY,

HON. RUFUS W. PECKHAM,

A. L. LOOMIS,

REV. A. P. CUMMINGS,

HON. H. G. WARNER,

HON. HIRAM GRAY, LL.D.,

HON. DAVID SPRAKER,

HON. FRANCIS N. MANN,

HON. JOSEPH MULLIN, LL.D.,

JAMES CRUIKSHANK, LL.D.,

HIRAM BARNEY,

CHARLES E. SMITH,

HON. CLARKSON N. POTTER.

### EXECUTIVE COMMITTEE.

SILAS P. BROWNELL,

PROF. CHARLES A. JOY, Ph. D.,

HON. WILLIAM TRACY, LL.D.,

PROF. JOHN FOSTER, A. M.,

CALEB S. FITSWORTH.

### FINANCE COMMITTEE.

W. H. H. MOORE,

HENRY H. MARTIN,

HON. A. HAMILTON RICE,

WILLIAM H. WHITBECK,

GEN. D. H. BUTTERFIELD,

HON. HORATIO G. WARNER.

### LOCAL COMMITTEE.

PROF. ISAAC W. JACKSON, LL.D.,

JOHN A. DE REMER, A. M.,

CHARLES E. SMITH,

PROF. JOHN FOSTER, A. M.,

CHARLES G. CLARK,

A. M. VEDDER, M. D.

# PHI BETA KAPPA.

---

## OFFICERS.

HON. CLARKSON N. POTTER,	- -	PRESIDENT.
A. M. VEDDER, M. D.,	- - -	VICE-PRESIDENT.
ALEXANDER J. THOMPSON, A.M.,	-	CORRESPONDING SEC.
HARRISON E. WEBSTER, A.B.,	- -	RECORDING SECRETARY.
PROF. BENJAMIN STANTON, A.M.,	-	TREASURER.
PROF. JONATHAN PEARSON, A.M.,	-	REGISTRAR.
PROF. TAYLER LEWIS, LL.D.,	- -	JUDGE OF COMPOSITIONS.

## *Class of 1869.*

EDWIN A. KINGSLEY.  
EGBERT C. LAWRENCE.  
JOHN McFADDEN.  
WILLIAM P. McLAURY.  
ALBERT WHITING.

SECRET SOCIETIES.

ARRANGED



IN THE

History of their Establishment.

# SIGMA PHI.

---

FOUNDED 1827.

---

## Resident Graduates.

JOHN FOSTER,                      G. L. OOTHOUT,  
E. W. PAIGE,                      J. E. CLANCY,  
J. D. FEATHERSTONHAUGH, Jr.

'70.

AUGUSTUS GROOT,  
S. W. KEARNEY.

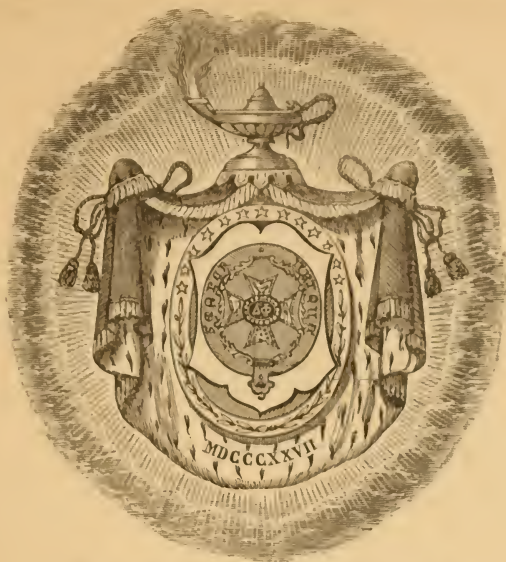
'71.

HARRY CRANE,  
G. W. FEATHERSTONHAUGH,  
T. R. FEATHERSTONHAUGH,  
S. P. FRANCHOT,  
JOHN S. V. R. HOFF,  
PHILO W. SPRAGUE.

'73.

ALEXIS C. SMITH.





# DETA PHI.

FOUNDED 1827.

## Resident Graduates.

J. H. LYON,  
B. A. MYNDERSE, M.D.,  
JOHN B. YATES,

A. J. THOMSON,  
J. K. PAIGE,  
W. L. PEARSON.

'70.

CLARENCE A. CARPENTER,  
JOSEPH G. CREAMER,  
WILLIS B. HALE,  
CHARLES C. LESTER,  
JOSEPH SHERMAN, Jr.

'71.

FREDERICK A. BECKWITH,  
STEPHEN H. BISHOP,  
\* FRED. E. HARDIN.

'72.

CHARLES L. ELWOOD,  
CHARLES H. MILLS,  
EDGAR F. SWORTFIGUER.

'73.

J. W. LESTER,  
CHARLES L. POND,  
M. D. McCONNEL.

\* Dead.



# PSI Upsilon.

FOUNDED 1833.

## Resident Graduates.

O. O. ALEXANDER,	H. W. DeGROOT,
JOSEPH A. LYON,	E. A. MAXON,
JOHN N. BANKER,	A. H. JACKSON,
S. E. MATHEWS,	W. H. OSTROM,
R. VAN BRUNT,	H. C. WHITING,
J. L. VAN INGEN,	S. W. JACKSON.
CHAS. A. AIKEN.	

'70.

R. B. STILES,	C. E. MOORE,
J. G. BALDWIN,	E. L. WEEKS.

'71.

D. S. BAKER,	W. H. LAMBERT,
C. T. HAVILAND,	W. H. MATHEWS,
N. G. ISBELL,	H. S. WILBUR,
E. D. WILLIAMS.	

'72.

A. C. BOYNTON,	E. S. ROOS,
W. H. SELLECK.	

'73.

H. A. POWELL,	H. C. CARPENTER.
---------------	------------------



# Ψ I Ψ I.

---

FOUNDED 1841.

---

## Resident Graduates.

E. W. SMITH, U. S. A.,            TAYLER LEWIS, JR.,  
J. C. DUANE, U. S. A.,            W. SCOTT HUNTER,  
JAS. REAGLES, JR., U. S. A., CHARLES F. LEWIS.

## '70.

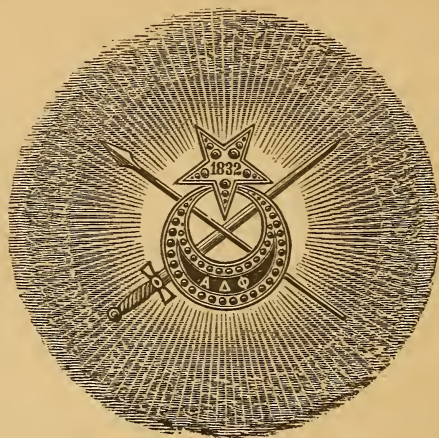
RUSSELL R. DORR,  
ISAAC H. TOLL.

## '71.

T. ARTHUR KELLEY,  
W. H. ROSS, JR.

## '72.

HOWARD THORNTON,  
H. A. TORRY.



# ALPHA DELTA PHI.

ESTABLISHED 1859.

## Resident Graduates.

J. A. DEREMER,  
NATHAN HALE,  
S. B. HOWE,

L. H. ROCKWELL,  
BENJAMIN STANTON,  
HORACE STANTON,  
ALONZO P. STRONG.

'70.

WM. F. GRAY,  
J. B. LOCKWOOD,  
WM. E. MAPES,

CHAS. N. MATSON,  
F. F. MERRIMAN,  
ALBERT SMITH,

JAMES E. WELD.

'71.

GEO. W. BRISTOL,  
C. E. HOLLENBACK,

WM. W. JENKS,  
G. W. WISNER.

'72.

WM. J. KLINE,  
GEO. RIDER,

J. M. THOMAS,  
D. B. WOOD.

'73.

NEWTON DEXTER,  
AUSTIN W. DUNHAM,

WM. P. RUDD,  
B. I. STANTON.

## Summary of Secret Societies.

---

<i>SIGMA PHI</i> , .....	9
<i>DELTA PHI</i> , .....	14
<i>PSI UPSILON</i> , .....	16
<i>CHI PSI</i> , .....	6
<i>ALPHA DELTA PHI</i> , .....	19

# ANTI-SECRET SOCIETY.



## DELTA Upsilon.

Οὐδέν Ἀδύλον.

### Resident Graduates.

S. G. HAMLIN,	RANSOM B. WELCH, D.D.,
J. B. McCHESNEY,	WILLIAM WELLS,
L. T. SHULER,	REV. DENIS WORTMAN.

### '70.

HENRY EASSON, JR.,	ARCHIBALD LYBOLT,
JOHN F. GENUNG,	ALEXANDER McLACHLAN,
GEORGE F. GENUNG,	ALBERT D. PEAKE.

### '71.

ALMON G. BARDIN,	ASA L. ROGERS,
WILLIAM D. BULLOCK,	JAMES C. SHELLAND.

### '72.

BYRON HORTON,	D. SCOTT LAMONT,
JOSEPH H. WRIGHT.	

### '73.

WILLIAM E. FAULKNER,	CHARLES TEN BROECK,
JAMES H. HOYT,	GEORGE I. VAN BUREN.



L I T E R A R Y



S O C I E T I E S .



# SENATE.

## OFFICERS FOR 1869-70.

<i>President,</i>	-	-	-	-	RANSOM B. WELCH, D. D.
<i>Vice-President,</i>	-	-	-	-	JAMES B. LOCKWOOD.
<i>Clerk,</i>	-	-	-	-	JOHN H. CLARK.
<i>Treasurer,</i>	-	-	-	-	A. McLACHLAN.

## MEMBERS.

SENATORS.	STATES.	SENATORS.	STATES.
C. W. BACKUS, . . . .	<i>Iowa.</i>	W. E. MAPES, . . . .	<i>Tennessee.</i>
J. P. BRYANT, . . . .	<i>Massachusetts.</i>	C. N. MATSON, . . . .	<i>Kentucky.</i>
JOHN H. CLARK, . . .	<i>Alabama.</i>	R. P. ORR, . . . . .	<i>Florida.</i>
A. M. CLUTE, . . . . .	<i>Pennsylvania.</i>	J. OTIS, . . . . .	<i>Louisiana.</i>
H. EASSON, JR., . . .	<i>Illinois.</i>	A. D. PEAKE, . . . . .	<i>N. Carolina.</i>
J. F. GENUNG, . . . .	<i>New York.</i>	" . . . . .	<i>S. Carolina.</i>
G. F. GENUNG, . . . .	<i>Maine.</i>	C. A. PEAKE, . . . . .	<i>California.</i>
C. B. GILLETTE, . . .	<i>Minnesota.</i>	R. B. STILES, . . . .	<i>Connecticut.</i>
W. B. HALE, . . . . .	<i>Ohio.</i>	MAX SCHWERIN, JR.,	<i>Rhode Island.</i>
J. G. HEATH, . . . . .	<i>Arkansas.</i>	J. SHERMAN, JR., . .	<i>Missouri.</i>
C. C. LESTER, . . . .	<i>Nevada.</i>	A. SMITH, . . . . .	<i>Vermont.</i>
" . . . . .	<i>Oregon.</i>	" . . . . .	<i>N. Hampshire.</i>
J. W. HOAG, . . . . .	<i>Georgia.</i>	M. A. VEEDER, . . . .	<i>Maryland.</i>
J. B. LOCKWOOD, . . .	<i>New Jersey.</i>	" . . . . .	<i>West Virginia.</i>
" . . . . .	<i>Delaware.</i>	J. W. VERBECK, . . .	<i>Michigan.</i>
A. LYBOLT, . . . . .	<i>Nebraska.</i>	J. E. WELD, . . . . .	<i>Colorado.</i>
Z. K. McCORMACK, . .	<i>Indiana.</i>	" . . . . .	<i>Kansas.</i>
A. McLACHLAN, . . .	<i>Wisconsin.</i>		



# House of Representatives.

## OFFICERS FOR 1869-70.

<i>Speaker,</i> - - - - -	PROF. R. B. WELCH, D.D.
<i>Clerk,</i> - - - - -	ERNEST A. M. CORBIN.
<i>Treasurer,</i> - - - - -	NELSON G. ISBELL, JR.
<i>Sergeant-at-Arms,</i> - - - - -	WM. H. MATTHEWS, JR.

## REPRESENTATIVES.

REPRESENTATIVES.	STATES.	REPRESENTATIVES.	STATES.
D. S. BAKER, . . . . .	<i>Delaware.</i>	C. E. HOLLENBACK, .	<i>Kentucky.</i>
" . . . . .	<i>Maryland.</i>	J. C. HOSTETLER, . . .	<i>Indiana.</i>
A. G. BARDIN, . . . . .	<i>Texas.</i>	N. G. ISBELL, . . . . .	<i>Iowa.</i>
F. A. BECKWITH, . . .	<i>Ohio.</i>	W. W. JENKS, . . . . .	<i>N. Hampshire.</i>
G. W. BRISTOL, . . . .	<i>Arkansas.</i>	PRESTON KING, . . . .	<i>California.</i>
W. D. BULLOCK, . . .	<i>Massachusetts.</i>	W. H. LAMBERT, . . .	<i>Rhode Island.</i>
T. C. BUNYAN, . . . .	<i>Alabama.</i>	J. P. LELAND, . . . . .	<i>Illinois.</i>
E. A. M. CORBIN, . . .	<i>Connecticut.</i>	W. H. MATTHEWS, JR.,	<i>New Jersey.</i>
H. CRANE, . . . . .	<i>Georgia.</i>	W. S. MILLER, . . . . .	<i>Mississippi.</i>
G. R. DONNAN, . . . .	<i>Wisconsin.</i>	A. L. ROGERS, . . . . .	<i>Vermont.</i>
G. W. FEATHERSTON-		P. W. SPRAGUE, . . . .	<i>Tennessee.</i>
HAUGH, . . . . .	<i>S. Carolina.</i>	E. T. WATERMAN, . . .	<i>Missouri.</i>
T. R. FEATHERSTON-		FRANK WALLACK, . . .	<i>Kansas.</i>
HAUGH, . . . . .	<i>Virginia.</i>	H. R. WALLIS, . . . .	<i>Pennsylvania.</i>
S. P. FRANCHOT, . . .	<i>N. Carolina.</i>	H. S. WILBUR, . . . .	<i>Florida.</i>
C. T. HAVILAND, . . .	<i>Maine.</i>	G. WISNER, . . . . .	<i>Michigan.</i>
" . . . . .	<i>Minnesota.</i>	CHAUNCEY YATES, . . .	<i>Louisiana.</i>
J. S. V. R. HOFF, . . .	<i>New York.</i>		

# PHILOMATHEAN SOCIETY.

FOUNDED 1793.

MOTTO—" *Virtus, Scientia et Amicitia.*"

## OFFICERS FOR 1869-70.

### Second Term.

PRESIDENT, - - -	ALBERT SMITH.
VICE-PRESIDENT, - -	JOSEPH SHERMAN, JR.
SECRETARY, - - -	PRESTON KING.
PRESIDENT, - - -	ROBT. B. STILES.
VICE-PRESIDENT, - -	JAMES OTIS.
SECRETARY, - - -	J. C. SHELLAND.
TREASURER, - - -	CHAS. E. MOORE.
LIBRARIAN, - - -	ALBERT SMITH.

### Third Term.

PRESIDENT, - - -	JOSEPH SHERMAN.
VICE-PRESIDENT, - -	JAMES P. BRYANT.
SECRETARY, - - -	CHAS. HAVILAND.
PRESIDENT, - - -	C. E. MOORE.
VICE-PRESIDENT, - -	W. B. HALE.
SECRETARY, - - -	EMMET WATERMAN.
TREASURER, - - -	C. E. MOORE.
LIBRARIAN, - - -	ALBERT SMITH.

### First Term.

PRESIDENT, - - -	JAMES OTIS.
VICE-PRESIDENT, - -	JAMES P. BRYANT.
SECRETARY, - - -	CLARENCE L. CROFTS.
PRESIDENT, - - -	R. B. STILES.



---

VICE-PRESIDENT,	-	JOSEPH SHERMAN, JR.
SECRETARY,	- - -	HOWARD THORNTON.
TREASURER,	- -	C. E. MOORE.
LIBRARIAN,	- - -	ALBERT SMITH.

MEMBERS.

Class of '70.

J. P. BRYANT,	J. SHERMAN, JR.,
C. A. CARPENTER,	ALBERT SMITH,
R. P. DORR,	R. B. STILES,
W. B. HALE,	ISAAC H. TOLL,
JAMES OTIS,	C. E. MOORE.

Class of '71.

T. E. ARMSTRONG,	PRESTON KING,
DAVID S. BAKER,	W. H. MATTHEWS,
C. T. HAVILAND,	W. H. ROSS, JR.,
C. E. HOLLENBACK,	J. C. SHELLAND,
N. G. ISBELL,	E. F. WATERMAN,
W. W. JENKS,	E. D. WILLIAMS,

FRANK WALLACK.

Class of '72.

CLARENCE L. CROFTS,	CHAS. H. MILLS.
HOWARD THORNTON.	



# ADELPHIC SOCIETY.

FOUNDED 1796.

MOTTO — *Unus Sumus.*

## OFFICERS FOR 1869-70.

### Second Term.

PRESIDENT,	-	-	-	JEFFERSON W. HOAG.
VICE-PRESIDENT,	-	-	-	H. EASSON, JR.
SECRETARY,	-	-	-	H. CRANE.
PRESIDENT,	-	-	-	H. EASSON, JR.
VICE-PRESIDENT,	-	-	-	M. A. VEEDER.
SECRETARY,	-	-	-	G. WISNER.
TREASURER,	-	-	-	E. C. LAWRENCE.
LIBRARIAN,	-	-	-	J. H. CLARK.

### Third Term.

PRESIDENT,	-	-	-	A. D. PEAKE.
VICE-PRESIDENT,	-	-	-	G. F. GENUNG.
SECRETARY,	-	-	-	W. H. LAMBERT.
PRESIDENT,	-	-	-	C. A. PEAKE.
VICE-PRESIDENT,	-	-	-	J. B. LOCKWOOD.
SECRETARY,	-	-	-	G. R. DONNAN.
TREASURER,	-	-	-	A. McLACHLAN.
LIBRARIAN,	-	-	-	JOHN H. CLARK.

### First Term.

PRESIDENT,	-	-	-	JOHN H. CLARK.
VICE-PRESIDENT,	-	-	-	J. F. GENUNG.
SECRETARY,	-	-	-	A. W. ARCHIBALD.
PRESIDENT,	-	-	-	A. W. LYBOLT.
VICE-PRESIDENT,	-	-	-	C. B. GILLETTE.
SECRETARY,	-	-	-	GEO. D. SLOCUM.
TREASURER,	-	-	-	G. F. GENUNG.
LIBRARIAN,	-	-	-	J. F. GENUNG.

## MEMBERS.

## Class of '70.

C. W. BACKUS,	W. J. LIDDLE,
J. H. CLARK,	J. B. LOCKWOOD,
A. M. CLUTE,	A. LYBOLT,
S. L. F. DEYO,	W. E. MAPE'S
H. EASSON, JR.,	Z. K. MCCORMACK,
G. F. GENUNG,	A. McLACHLAN,
J. F. GENUNG,	R. P. ORR,
C. B. GILLETTE,	A. D. PEAKE,
W. F. GRAY,	C. A. PEAKE,
J. G. HEATH,	S. C. SMITH,
J. W. HOAG,	G. STERLING,
C. C. LESTER,	M. A. VEEDER,

J. W. VERBECK.

## Class of '71.

S. H. BISHOP,	J. S. V. R. HOFF,
C. A. CLARK,	J. HOAGLAND,
E. A. M. CORBIN,	W. H. LAMBERT,
H. CRANE,	W. S. MILLER,
T. R. FEATHERSTONHAUGH,	P. W. SPRAGUE,
S. P. FRANCHOT,	A. F. WENDT,
A. G. BARDIN,	G. WISNER,

CHAUNCEY YATES.

## Class of '72.

A. W. ARCHIBALD,	D. S. LAMONT,
J. C. GATES,	G. D. SLOCUM,

J. H. WRIGHT.

## Class of '73.

J. H. HOYT,	W. E. FAULKNER,
C. TEN BROECK.	

# THEOLOGICAL SOCIETY.

FOUNDED 1817.

## OFFICERS FOR 1869-70.

### Second Term.

PRESIDENT,	-	-	-	-	ROBERT SHAW.
VICE-PRESIDENT,	-	-	-	-	EDWARD McKEE.
SECRETARY,	-	-	-	-	J. C. SHELLAND.
PRESIDENT,	-	-	-	-	GORDON MITCHELL.
VICE-PRESIDENT,	-	-	-	-	C. L. McCRACKEN.
SECRETARY,	-	-	-	-	D. S. LAMONT.
TREASURER,	-	-	-	-	H. EASSON, Jr.
LIBRARIAN,	-	-	-	-	C. B. GILLETTE.

### Third Term.

PRESIDENT,	-	-	-	-	G. F. GENUNG.
VICE-PRESIDENT,	-	-	-	-	C. A. PEAKE.
SECRETARY,	-	-	-	-	D. S. LAMONT.
PRESIDENT,	-	-	-	-	A. McLACHLAN.
VICE-PRESIDENT,	-	-	-	-	J. F. GENUNG.
SECRETARY,	-	-	-	-	J. C. SHELLAND.
LIBRARIAN,	-	-	-	-	J. F. GENUNG.

### First Term.

PRESIDENT,	-	-	-	-	JAMES P. BRYANT.
VICE-PRESIDENT,	-	-	-	-	J. F. GENUNG.
SECRETARY,	-	-	-	-	D. S. LAMONT.
PRESIDENT,	-	-	-	-	C. B. GILLETTE.
VICE-PRESIDENT,	-	-	-	-	H. EASSON, Jr.
SECRETARY,	-	-	-	-	JOS. H. WRIGHT.
TREASURER,	-	-	-	-	A. D. PEAKE.
LIBRARIAN,	-	-	-	-	J. F. GENUNG.

## MEMBERS.

## Class of '70.

C. W. BACKUS,	J. P. BRYANT,
HENRY EASSON, JR.,	G. F. GENUNG,
J. F. GENUNG,	C. B. GILLETTE,
W. J. LIDDLE,	A. McLACHLAN,
ROBERT P. ORR,	A. D. PEAKE,
C. A. PEAKE,	S. C. SMITH,
G. STERLING.	

## Class of '71.

JAMES C. SHELLAND,	E. A. M. CORBIN.
--------------------	------------------

## Class of '72.

A. W. ARCHIBALD,	T. C. BUNYAN,
J. C. GATES,	D. S. LAMONT,
G. D. SLOCUM,	J. H. WRIGHT.

## Libraries.

College Library, -	-	-	-	13,000	vols.
Philomathean, -	-	-	-	4,600	"
Adelphic, -	-	-	-	4,300	"
Theological, -	-	-	-	600	"
Chemical, -	-	-	-	500	"
<hr/>					
Total, -	-	-	-	23,000	"

EDITORS

OF THE

UNION COLLEGE MAGAZINE,

*For the year 1869.*

---

SECOND TERM.

SENIOR EDITOR.

EGBERT C. LAWRENCE.

*PHILOMATHEAN.*

THOMAS G. HILLHOUSE.

*ADELPHIC.*

JOHN McFADDEN.

*THEOLOGICAL.*

GORDON MITCHELL.

THIRD TERM.

SENIOR EDITOR.

EGBERT C. LAWRENCE.

*PHILOMATHEAN.*

JAMES P. BRYANT.

*ADELPHIC.*

JOHN F. GENUNG.

*THEOLOGICAL.*

ALBERT D. PEAKE.

FIRST TERM.

SENIOR EDITOR.

HENRY EASSON, JR.

*PHILOMATHEAN.*

WILLIS B. HALE.

*ADELPHIC.*

JAMES B. LOCKWOOD.

*THEOLOGICAL.*

GEORGE F. GENUNG.



MISCELLANEOUS



ORGANIZATIONS.





# ALPHA DELTA PHI BOAT CLUB.



## BOATS.

STAR, - - - *Shell*, - - - SIX OARS.  
CRESCENT, - *Barge* - - - EIGHT OARS.

## UNIFORM.

WHITE CAPS TRIMMED WITH BLUE.  
BLUE SHIRTS TRIMMED WITH WHITE.  
BLACK PANTS AND WHITE BELTS.

## OFFICERS OF THE CLUB.

PRESIDENT, - - - F. F. MERRIMAN.  
VICE-PRESIDENT, - - - G. W. WISNER.  
SECRETARY, - - - GEO. W. BRISTOL.  
TREASURER, - - - W. E. MAPES.

## OFFICERS OF THE STAR.

CAPTAIN, - - - ALBERT SMITH.  
STROKE OAR, - - - JAMES B. LOCKWOOD.

## OFFICERS OF THE BARGE.

CAPTAIN, - - - WM. W. JENKS.  
STROKE OAR, - - - CHAS. N. MATSON.  
COXSWAIN, - - - J. M. THOMAS.

# SIGMA PHI BOAT CLUB.



STROKE,	-	-	-	JOHN S. V. R. HOFF.
AFT MIDSHIP,	-	-	-	G. FEATHERSTONHAUGH.
FORE MIDSHIP,	-	-	-	PHILO SPRAGUE.
BOW,	-	-	-	S. P. FRANCHOT.
COXSWAIN,	-	-	-	HARRY CRANE.



# UNION COLLEGE BASE BALL CLUB.



## OFFICERS.

PRESIDENT, - - -	J. H. WRIGHT.
VICE-PRESIDENT, - -	C. N. MATSON.
SECRETARY, - - -	A. M. CLUTE.
TREASURER, - - -	C. A. PEAKE.

## First Nine.

CAPTAIN, - - -	C. E. HOLLENBACK, 3d b.,
A. M. CLUTE, p.,	C. A. PEAKE, c.,
ALBERT SMITH, 1st b.,	J. P. LELAND, 3d b.,
C. E. CHEESMAN, s. s.,	S. P. FRANCHOT, l. f.,
C. N. MATSON, c. f.,	J. H. WRIGHT, r. f.

# HIAWATHA BASE BALL CLUB.



*Class of '70.*

## OFFICERS.

PRESIDENT,	-	-	-	-	C. N. MATSON.
VICE-PRESIDENT,	-	-	-	-	C. A. PEAKE.
SECRETARY,	-	-	-	-	A. M. CLUTE.
TREASURER,	-	-	-	-	J. G. HEATH.

## First Nine.

CAPTAIN,	-	-	-	C. A. PEAKE,
C. A. PEAKE, c.,				C. W. BACKUS, 3d b.,
A. M. CLUTE, p.,				J. G. CREAMER, s. s.,
ALBERT SMITH, 1st b.,				MAX SCHWERIN, l. f.,
C. N. MATSON, 2d b.,				J. G. HEATH, c. f.,
				H. EASSON, JR., r. f.

# FLY-AWAY BASE BALL CLUB.



*Class of '71.*

## OFFICERS.

PRESIDENT,	-	-	-	GEO. W. BRISTOL.
VICE-PRESIDENT,	-	-	-	C. T. HAVILAND.
SECRETARY,	-	-	-	S. P. FRANCHOT.
TREASURER,	-	-	-	HARRY CRANE.

## First Nine.

CAPTAIN,	-	-	C. E. HOLLENBACK,
P. W. SPRAGUE, c.,			G. W. BRISTOL, s. s.,
S. P. FRANCHOT, 1st b.,			HARRY CRANE, r. f.,
J. P. LELAND, 2d b.,			G. W. FEATHERSTONHAUGH, c. f.
J. S. V. R. HOFF, 3d b.,			C. YATES, l. f.

# SOPHOMORE BASE BALL CLUB.



*Class of '72.*

## OFFICERS.

PRESIDENT, - - -	J. H. WRIGHT.
VICE-PRESIDENT, - -	H. THORNTON.
SECRETARY, - - -	E. S. ROOS.
TREASURER, - - -	J. E. ALLEN.

## First Nine.

CAPTAIN, - - -	C. E. CHEESEMAN, c.,
W. H. SELLECK, p.,	E. F. SWORTFIGUER, s. s.,
J. C. BARRY, 1st b.,	J. H. WRIGHT, l. f.,
G. C. RIDER, 2d b.,	H. THORNTON, c. f.,
B. M. PECK, 3d b.,	J. M. THOMAS, r. f.

# FRESHMAN BASE BALL CLUB.



*Class of '73.*

## OFFICERS.

PRESIDENT,	-	-	-	-	W. P. RUDD.
VICE-PRESIDENT,	-	-	-	-	A. C. SMITH.
SECRETARY,	-	-	-	-	M. D. McCONNELL.
TREASURER,	-	-	-	-	B. I. STANTON.

## First Nine.

CAPTAIN,	-	-	-	-	H. A. POWELL, s. s.,
M. D. McCONNELL, c.,					W. P. RUDD, 3d b.,
A. C. SMITH, p.,					W. ROST, l. f.,
J. L. VEEDER, 1st b.,					G. VAN BUREN, c. f.,
B. I. STANTON, 2d b.,					J. W. LESTER, r. f.



# GILLESPIE CLUB.



## OFFICERS.

PRESIDENT, - - -	C. E. MOORE.
VICE-PRESIDENT, - -	A. L. ROGERS.
SECRETARY, - - -	HARRY CRANE.
TREASURER, - - -	E. A. VAN ANTWERP.

## Members.

'70.

J. G. CREAMER,  
S. L. F. DEYO,  
E. L. P. DICKEY,  
F. F. MERRIMAN,  
C. E. MOORE,  
JAMES OTIS,  
E. VAN ANTWERP,

'71.

A. G. BARDIN,  
W. D. BULLOCK,  
H. CRANE,  
S. P. FRANCHOT,  
J. G. HEATH,  
A. L. ROGERS,  
JOSEPH SHERMAN,

H. R. WALLIS.

# UNION COLLEGE STRING BAND.



## OFFICERS.

PRESIDENT,	-	-	-	CHAS. C. LESTER.
VICE-PRESIDENT,	-	-	-	R. B. STILES.
SECRETARY,	-	-	-	JOSEPH SHERMAN.
TREASURER,	-	-	-	J. B. LOCKWOOD.

## Leader.

W. B. HALE.

W. B. HALE, 1st Violin,	J. B. LOCKWOOD, Flute,
R. B. STILES, 2d Violin,	H. S. WILBUR, Flageolet,
C. C. LESTER, Guitar,	J. SHERMAN, Triangle.

# UNION COLLEGE GLEE CLUB.



## OFFICERS.

PRESIDENT,	-	-	-	-	W. E. MAPES.
VICE-PRESIDENT,	-	-	-	-	J. F. GENUNG.
SECRETARY,	-	-	-	-	W. D. BULLOCK.
TREASURER,	-	-	-	-	J. H. WRIGHT.

## Leaders.

G. F. GENUNG, SOPRANO,	R. P. ORR, TENOR,
W. D. BULLOCK, MEZZO-SOPRANO,	J. F. GENUNG, BASS.

## Members.

ALBERT SMITH,	T. C. BUNYAN,
J. W. VERBECK,	D. S. LAMONT,
C. A. PEAKE,	E. L. MAPES,
J. H. CLARK,	A. W. DUNHAM.



# INFORMATION.

---

## I. COURSES OF STUDY.

There are two courses of study established in this institution ; the Classical and the Scientific.

There are also special courses of instruction in Civil Engineering, and in Analytical Chemistry.

The Classical course is the original course of the college, enlarged and improved, and the degrees conferred are those customary in American colleges.

In the Scientific course the modern languages are substituted for the ancient, except that Latin is taught in the Freshman year, and the amount of mathematical and English studies is increased.

This course has recently been remodelled and a year added to its length, making it a four years' course intended to be fully equal, in amount of study and in disciplinary value, to the Classical course. The degrees conferred are the same as in that course. The diploma is in French.

The college is open to persons who are not candidates for a degree, and who desire to study in particular departments. It is required that they have a good moral character ; that their previous acquisitions, so far as the studies to be pursued shall require, be such as are demanded before admission to the regular courses, and that they be subject to all the laws of the college in regard to diligence, good conduct and discipline.

## II. ADMISSION.

Candidates for admission must present testimonials of good moral character, and must be at least sixteen years of age. If not previously vaccinated, they will be required to become so before joining the college.

Examinations for admission take place in presence of three college officers.

The stated times for such examinations are the last two days (Friday and Saturday) of the week preceding commencement ; and the last two days (Monday and Tuesday) of each vacation. The full dates will be found in the Calendar on page 6.

Candidates for the Freshman class in the *Classical* course will be examined in English Grammar ; Arithmetic (Davies' " University," or an equivalent) ; Algebra (to equations of the second degree) ; Plane Geometry five books ; Andrews and Stoddard's, or Bullions', or Harkness' Latin Grammar ; Caesar's Commentaries, four books ; Virgil's *Æneid*, six books ; Latin Prosody ; six Orations of Cicero ; Sallust's *Catiline* ; Sallust's *Jugurtha*, or Virgil's

Eclogues; Arnold's Latin Prose Composition, First Part, 12 chapters; Crosby's or Hadley's Greek Grammar; Greek Reader, Xenophon's Anabasis, three books; Homer's Iliad, one book. The great deficiency in classical study of many applicants for admission makes it necessary to direct special attention to the above requisitions, on which it is proposed more strictly to insist. It is desirable that those intending to pursue the Classical course should enter at the commencement of the Freshman year, and that they should not be burdened by deficiencies in the preparatory course, to be made up before they shall be in full standing as members of College, and made up always by an expenditure of time and strength that are fully demanded by the regular studies of the course.

Candidates for the Freshman class in the Scientific course will be examined in English Grammar, Arithmetic (Davies' "University" or an equivalent), Algebra to equations of the second degree, and Plane Geometry, five books.

Candidates for any other class will also be examined in all studies previously pursued by that class, as shown in the course of studies as given below.

Students from other colleges, in addition to passing a satisfactory examination will be required to present a letter of honorable dismissal; and no student from another college will be admitted after the beginning of the third term of the Senior year.

It is very important that candidates should be thoroughly prepared, especially in grammatical and elementary knowledge. If, in their preparation, they have more time than is required for this purpose, it is desirable, for obvious reasons, that they should not anticipate the college studies, but apply themselves to other subjects or authors.

If a candidate upon examination shows such proficiency as to enable him to proceed with the studies of the class for which he offers himself, he will be received on probation, and enjoy all the privileges of the class.

When a sufficient time has elapsed for the formation of a judgment, if his scholarship, conduct and deportment warrant it, he will be admitted to full standing.



## COURSE OF STUDIES

FOR 1869-70.

## CLASSICAL COURSE.

## FRESHMAN CLASS.

## FIRST TERM.

Livy.....	<i>Lincoln</i>
Xenophon's Cyropædia .....	<i>Owen</i>
Algebra—(continued)—to "Series" .....	<i>Davies</i>

## SECOND TERM.

Horace.....	<i>Lincoln</i>
Xenophon—Memorabilia.....	
Algebra—(completed) .....	<i>Davies</i>

## THIRD TERM.

Cicero De Senectute and De Amicitia .....	<i>Thatcher</i>
Homer—Iliad—Four Books .....	<i>Owen</i>
Geometry—Solid—Four Books.....	<i>Legendre</i>
Rhetoric with Composition and Declamation .....	<i>Blair</i>
(Exercises in Latin and Greek Composition, throughout Freshman year).....	<i>Arnold</i>

## SOPHOMORE CLASS.

## FIRST TERM.

Tacitus.....	
Homer—Odyssey—Six Books .....	<i>Owen</i>
Trigonometry .....	<i>Jackson</i>
Rhetoric .....	<i>Blair</i>

## SECOND TERM.

Juvenal and Terence.....	
Euripides—One or Two Dramas.....	
Conic Sections.....	<i>Jackson</i>

## THIRD TERM.

Horace—Satires and Epistles.....	
Sophocles—Two Dramas.....	
Statics and Dynamics .....	<i>Jackson</i>
Logic.....	<i>Whately</i>
Botany—Voluntary .....	<i>Gray</i>

Throughout Sophomore year, Exercises in Translating Greek into Latin, and also in English Composition and Declamation.



## COURSE OF STUDIES

FOR 1869-70.

## SCIENTIFIC COURSE.

## FRESHMAN CLASS.

## FIRST TERM.

Latin Grammar and Reader.	
French Grammar .....	<i>Pujol</i>
German Grammar.....	<i>Peissner</i>
Algebra—(continued)—to "Series".....	<i>Davies</i>

## SECOND TERM.

Latin, Cæsar.	
French Grammar and Reader.....	<i>Pujol</i>
German Grammar and Reader.....	<i>Peissner</i>
Algebra (completed).....	<i>Davies</i>

## THIRD TERM.

Latin, Virgil.	
French Grammar and Reader.....	<i>Pujol</i>
German Reader.....	<i>Woodbury</i>
Geometry—Solid—Four Books.....	<i>Legendre</i>
Rhetoric with Composition and Declamation.....	<i>Blair</i>

## SOPHOMORE CLASS.

## FIRST TERM.

French Classic Prose.....	<i>Pujol</i>
German Classic Prose.....	<i>Peissner's Course</i>
Trigonometry .....	<i>Jackson</i>
Rhetoric.....	<i>Blair</i>
Zoology.	

## SECOND TERM.

French Classic Poetry.....	<i>Pujol</i>
Italian Grammar.....	<i>Fontana</i>
Geometrical Draughting.....	<i>Mahan</i>
Conic Sections.....	<i>Jackson</i>

## THIRD TERM.

German Classic Poetry.....	<i>Peissner's Course</i>
Italian Reader.....	<i>Foresti</i>
Analytical Geometry.....	<i>Davies</i>
Statics and Dynamics.....	<i>Jackson</i>
Land Surveying (Voluntary).....	<i>Gillespie</i>
Draughting (Voluntary).....	<i>Mahan</i>
Logic .....	<i>Whateley</i>
Botany (Voluntary).....	<i>Gray</i>

*English Composition and Declamation, throughout the Sophomore year.*

## CLASSICAL COURSE.

## JUNIOR CLASS.

## FIRST TERM.

Cicero — Tusculan Disputations.

Æschylus — Two Dramas.

Mechanical "Work," Hydrostatics, Hydrodynamics, Pneumatics. . . . . *Jackson*Rhetoric. . . . . *Whateley*

## SECOND TERM.

Lucretius.

Plato — Phædon or Gorgias.

Rhetoric (continued). . . . . *Whateley*Heat, Steam Engine, Electricity, Meteorology. . . . . *Foster*

## THIRD TERM.

Acoustics, Magnetism, Galvanism, Electro-magnetism. . . . . *Foster*Chemistry. . . . . *Cooke*

Political Economy.

*Composition and Declamation throughout the Junior Year.*

## SENIOR CLASS.

## FIRST TERM.

Optics, Wave Theory of Light and Radiant Heat. . . . . *Jackson*Mental Philosophy. . . . . *Bowen's Hamilton*Lectures on Greek Philosophy. . . . . *Lewis*

English Literature.

Plato *contra* Atheos — (Voluntary) . . . . . *Lewis*Applied Chemistry . . . . . *Lectures*

## SECOND TERM.

Mineralogy (Voluntary) . . . . . *Dana*Astronomy . . . . . *Gummere*Geology . . . . . *Dana*Moral Philosophy. . . . . *Alexander*Lectures on Greek Philosophy and Poetry. . . . . *Lewis*Aristophanes — Birds or Clouds — (Voluntary). . . . . *Felton*

Hebrew — (Voluntary).

## THIRD TERM.

Butler's Analogy.

International Law.

English Literature . . . . . *Lectures*Lectures on Biblical Literature. . . . . *Lewis*Lectures on Greek Poetry. . . . . *Lewis*

Hebrew — (Voluntary).

*Rhetorical exercises by Seniors, Juniors and Sophomores, before the whole College, in Chapel, on Saturdays, at 8 A. M.*

## SCIENTIFIC COURSE.

## JUNIOR CLASS.

## FIRST TERM.

French Drama .....	<i>Racine—Corneille</i>
German Epic .....	<i>The Niebelungen</i>
Mechanical "Work," Hydrostatics, Hydrodynamics, Pneumatics .....	<i>Jackson</i>
Descriptive Geometry .....	<i>Church</i>
Rhetoric .....	<i>Whateley</i>

## SECOND TERM.

German Tragedy .....	<i>Schiller</i>
Spanish Grammar .....	<i>Ahn</i>
Rhetoric (continued) .....	<i>Whateley</i>
Heat, Steam Engine, Electricity, Meteorology .....	<i>Foster</i>
Differential and Integral Calculus (Voluntary) .....	<i>Davies</i>
Draughting (continued) — (Voluntary) .....	<i>Lectures</i>

## THIRD TERM.

German Tragedy .....	<i>Goethe</i>
Spanish Reader .....	<i>Velasquez</i>
Acoustics, Magnetism, Galvanism, Electro-Magnetism .....	<i>Foster</i>
Chemistry .....	<i>Cooke</i>
Political Economy .....	
Analytical Mechanics (Voluntary) .....	<i>Boucharlat</i>
Draughting (continued) — (Voluntary) .....	<i>Lectures</i>

*Composition and Declamation throughout the Junior year.*

## SENIOR CLASS.

## FIRST TERM.

Optics, Wave Theory of Light and Radiant Heat .....	<i>Jackson</i>
Mental Philosophy .....	<i>Bowen's Hamilton</i>
English Literature .....	
Surveying (continued), Parts IV–XII — (Voluntary) .....	<i>Gillespie</i>
Applied Chemistry .....	<i>Lectures</i>

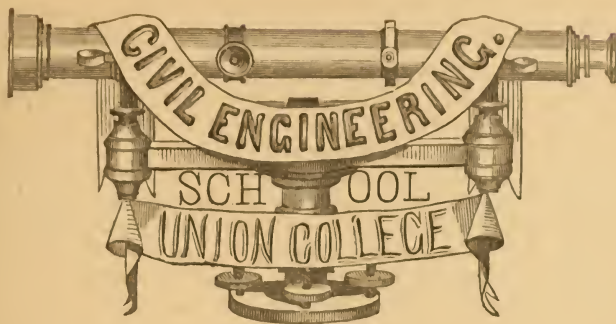
## SECOND TERM.

Mineralogy (Voluntary) .....	<i>Dana</i>
Astronomy .....	<i>Gummere</i>
Geology .....	<i>Dana</i>
Moral Philosophy .....	<i>Alexander</i>
Engineering Mensuration, etc. (Voluntary) .....	<i>Lectures</i>
Laboratory Exercises .....	

## THIRD TERM.

Butler's Analogy .....	
International Law .....	
English Literature .....	<i>Lectures</i>
Lectures on Biblical Literature .....	
Higher Surveying and Engineering Statics — (Voluntary) .....	<i>Gillespie</i>

*Rhetorical Exercises by Seniors, Juniors and Sophomores, before the whole College, in Chapel, on Saturdays, at 8 A. M.*



### Faculty.

CHARLES A. AIKEN, PH. D., - - - - PRESIDENT.

ISAAC W. JACKSON, LL. D.,

WILLIAM WELLS, A. M.,

JOHN FOSTER, A. M.,

MAURICE PERKINS, A. M.,

JONATHAN PEARSON, A. M.,

CADY STALEY, A. M., C. E.,

WILLIAM J. MCALPINE, C. E.,

L. H. ROCKWELL, A. M.



## INFORMATION.

---

This department was founded in 1845. Its object is to give its students such instruction in the theory and practice of Civil Engineering, as to qualify them for immediate usefulness in the field and office in a subordinate capacity, and at the same time to fit them to fill satisfactorily the higher positions in the profession after a moderate amount of experience in the routine of practice. The course of instruction aims to effect this by constant exercise in mechanical draughting, instrumental field work and numerical calculation, combined with the study of text-books, and lectures on the numerous subjects where books are wanting.

### REQUIREMENTS FOR ADMISSION.

Candidates for admission must be thoroughly prepared in Arithmetic, Algebra, Geometry, Trigonometry, and the execution and demonstration of the first seventy problems of Mahan's "Industrial Drawing."

Students desiring to prepare in College for the Civil Engineering Department, can enter the Freshman class of the Scientific Course, and be prepared to commence the Engineering Course the third term Sophomore.

Readiness in the common operations of Arithmetic (particularly mental calculation, cancellation and decimals), and perfect familiarity with the elements of Algebra and Geometry, are indispensable preliminaries for commencing the course with advantage. Previous practice in writing rapidly from dictation, and in making abstracts of lectures is very desirable.

Students may enter at any point of the course for which they are prepared.

Any studies of the course may be taken separately by those qualified to pursue them profitably.

### EXPENSES.

The charges for instruction, use of instruments, room rent, servants' hire, etc., are \$30 per term. Graduation fee, including diploma, \$10.

### APPARATUS AND LIBRARY.

The department is fully supplied with field instruments of the best description. The apparatus has been greatly increased by the acquisition of numerous models and instruments from the best European sources.

Among them are these: a complete set (fifty) of the beautiful *Olivier* models of Descriptive Geometry, showing the generation, transformations and intersections of "Ruled-surfaces;" also a set (twenty) of the Darmstadt Descriptive Geometry models; the best stone-cutting models (twenty), of *L'Ecole Polytechnique*; the Topographical models of M. Bardin; his models



(70) of Geometrical intersections, etc.; his "Skew-arch" models; Mr. Doyne's dynamometer bridge-strain model; the levels of Egault, Trough-ton, Lenoir, Burnier, etc.

The extensive private collection of models and instruments, and the valuable Engineering and Scientific Library belonging to the late Professor Gillespie have been purchased for the Department; making the entire collection the most complete of any in the country. The students also have access to the College and Society Libraries.

#### READING ROOM.

The "Gillespie Club," a Society of Engineers, have a Reading Room, well supplied with Newspapers, Magazines, and the principal Engineering and Scientific Journals.

#### DEGREE.

At the beginning of the last term of the course, students who are candidates for a diploma, are required to undergo a written examination on the leading points of all their preceding studies. Those who pass it satisfactorily (and complete similarly the remainder of the course), receive a diploma conferring the degree of "Civil Engineer," (C. E.), and it is intended that this diploma shall be a guaranty of more than average ability and industry. The others receive certificates proportioned to what they have done, both as to quantity and quality.

Graduates in this course, who may choose to continue their studies another term, will receive directions and supervision from the Professor without fee, and can employ their time with great profit in the continuation and development of various useful subjects of investigation.



## MISCELLANEOUS INFORMATION.

---

The Civil Engineering course is completed in two years, beginning with the Summer term, or College Third Term, about May 1st, and ending about the last week in March, in time for its students to join parties then beginning the field work of the season.

The subjects of the course are so arranged as to harmonize them with the Terms of College, and the seasons of the year suitable to field work or otherwise. The course is also so arranged and subdivided, that the more popular topics and the more specially technical ones come at different times ; so that those students who desire merely a general knowledge of Civil Engineering, as a part of a liberal education, and those who wish to study it professionally, can each be suitably accommodated. The instruction is also given at different hours, from those of the regular recitations, so as to prevent any interference, and to enable its special students to pursue collaterally such of the regular studies as they are found to require.

The recent extension of this course demands so much time and study from those who take it, that students of the college "Scientific course" *cannot* pursue both at the same time. They can, however, with extra labor, combine the two by making them overlap, distributing the extra studies of the first four terms of the Engineering course over the last seven terms of the regular course, and then completing the C. E. course in two terms after graduating.

Students of only the special Engineering course have the privilege of attending any of the regular College courses on collateral subjects. They are earnestly advised, if their bodily and mental strength will permit, to combine with it the modern languages, and the physical science of the Regular course, including more or less Chemical practice in the Analytical Laboratory. But, if their time will allow, their best plan is to enter as "Regular Scientific Students," and to pursue the complete course indicated in the preceding paragraph.

ARCHITECTURAL STUDENTS will find a large part of this course (particularly the Draughting, Mensuration, Stereotomy, Strength and Stability, etc.), adapted to their requirements.



## COURSE OF STUDIES.

## PRELIMINARY STUDIES.

Arithmetic (Davies' University, or an equivalent).  
 Algebra (Davies') complete; or in 1st and 2d terms Freshman.  
 Geometry (Legendre) complete; or in 3d term Freshman.  
 Trigonometry (Plane and Spherical); or in 1st term Sophomore.  
 Geometrical Draughting (Mahan 70 Problems); or in 2d term Sophomore.

## REGULAR COURSE.

## FIRST YEAR STUDENTS.

## SUMMER TERM.

Statics and Dynamics,.....*Jackson*  
 Analytical Geometry, .....*Davies*  
 Land Surveying; by chain and compass, etc., with field practice,  
 mapping and calculations. Parts I, II, III,.....*Gillespie*  
 Draughting from models, etc., by perpendicular projection; or Plans,  
 Elevations and Sections.

## AUTUMN TERM.

Mechanical "Work," Hydrostatics, Hydrodynamics, Pneumatics,..*Jackson*  
 Descriptive Geometry (Church) with graphical exercises and illus-  
 trations from the "Olivier Models." Colors.  
 Surveying; with Transit. Theodolite, etc., with field practice, plats,  
 and calculations (Parts IV-XII).....*Gillespie*  
 Calculations; rapid, accurate and approximate,.....*Lectures*  
 English Literature.  
 French and German.

## WINTER TERM.

Heat, Steam Engine, Meteorology, Electricity, .....*Foster*  
 Descriptive Geometry, { "One Plane,".....*Mahan*  
                                   { Spherical Projections.....*Church*  
 Mensuration of Engineering Structures — Notes and Calculations.  
 Stereotomy (constructions in stone cutting, etc.); illustrated by the  
 models of the Paris Polytechnic School and Prof. Bardin's models  
 of the Skew Arch, .....*Mahan and Lectures*  
 Calculus — differential and integral,.....*Davies*  
 Draughting; shades and shadows.  
 French and German.

## SECOND YEAR STUDENTS.

## SUMMER TERM.

Acoustics, Magnetism, Galvanism, Electro-Magnetism,.....*Foster*  
 Analytical Mechanics,.....*Boucharlat*  
 Chemistry,.....*Roscoe*  
 Levelling (common, Trigonometric and Barometric); Topography; the Sextant and other Reflecting Instruments;  
 Underground, Water and Military Surveying,.....*Gillespie*  
 The Strength of Materials; data and formulas for calculating their resistance to extension, compression, torsion, bending and breaking,.....*Lectures*  
 Draughting; Oblique Projections; including Mechanical, Military and Isometrical Perspective.  
 English Language.  
 French and German.

## AUTUMN TERM.

Optics, Wave Theory of Light and Radiant Heat,.....*Jackson*  
 The Stability of Structures; data and formulas for calculating the resistance of frames, roofs, bridges, arches, etc., to giving way by overturning, dislocation, sliding, etc.,.....*Lectures*  
 Road Engineering; comprising the location, leveling, staking out, mapping and calculation of a line of rail road,.....*Gillespie, Henck and Lectures*  
 Practical Chemistry; Laboratory practice.  
 Higher Surveying — Geodesy; Practical Astronomy; Spherical and Astronomical Mapping and Navigation,.....*Lectures*  
 Draughting; Perspective.  
 French and Italian.

## WINTER TERM.

Astronomy,.....*Gummere*  
 General Construction; Materials, Foundations, Masonry, etc.,.....*Mahan*  
 Bridge Engineering; Plans and Calculations of the forms and Dimensions of Bridges of Wood, Iron and Stone,.....*Haupt and Lectures*  
 Water Engineering; Hydraulic formulas; the supply of water for irrigation and for towns; the removal of water by drainage and sewerage; Canals; Improvements of River navigation, of Harbors, Sea Coasts, etc.,.....*Mahan, Burnell and Lectures*  
 Agricultural and Sanitary Engineering.

*Final Examination.*

#### IV. MISCELLANEOUS INFORMATION.

1. **TERMS AND VACATIONS.**—There are three terms of the average length of thirteen weeks, and three vacations. Commencement takes place on the Wednesday immediately preceding the 4th of July, and the first term begins ten weeks after that time. This term is followed by a Vacation of two weeks embracing the Christmas holidays. The Second Term is followed by the Spring Vacation of one week. The Third Term ends with Commencement.

2. **PAYMENTS AND EXPENSES.**—The College bills must be paid at the beginning of each term. In any case where such payment is not made the treasurer is instructed to inform the parent or guardian of the delinquent.

Students, unless from another College, pay for entrance into the Freshman class, \$5; into the Sophomore class, \$7; into the Junior class, \$9; into the Senior class, \$12.

No retrospective expense is incurred by entering in advance.

The College bills for Tuition, Room rent, etc., are \$25 per term; for the Engineering course \$30; for Chemical instruction, as on page 14. When the College rooms are occupied, \$3 per term is deducted from the bills of the students who are thereby obliged to room elsewhere; otherwise no deduction is made. The expenses of instruction, board, lights, washing, text-books, etc., during the three terms of thirty-nine weeks, may vary in amount from \$250 to \$350. Furniture can be bought and resold on leaving, or hired of the College servants.

3. **RESIDENCE AND DISCIPLINE.**—Students are expected to reside in the main buildings, under the immediate supervision of the President and Professors. No student can reside elsewhere without special permission.

The discipline of the Institution is moral and parental. Disgraceful punishments are not inflicted; but no young man who indulges in gaming, intemperance, or other vice, who is absent from his room at night, or who habitually neglects his studies, can be allowed to remain.

Parents or guardians are requested either to appoint a special guardian for their sons or wards, or to deposit all funds intended for their use with the Treasurer or Registrar of the College, who will act without charge as fiscal guardian.

An account of the delinquencies of each student, and of his daily attendance, conduct and scholarship, is kept by the Registrar. The result, determining his place on the Merit Roll, is reported at the close of each term, or more frequently, to his parent or guardian.

Each student is required to return punctually at the beginning of the term and report himself at the Registrar's office; and, until he thus reports himself he is considered as absent, and so marked on his bill. A similar report is required after any temporary absence from sickness or by permission.

Parents are requested to inform the Registrar, by their sons, what church they wish them to attend.

## V. SCHOLARSHIPS.

### 1. ORDINARY SCHOLARSHIPS.

To a large class of students, Union College presents extraordinary advantages in its numerous scholarships. In the scholarships of the First Grade, the incumbents on the condition of good conduct and satisfactory application to study, receive at the end of each term a credit on the books of the Registrar, to the full amount of the term bill.

In the scholarships of the Second Grade, the incumbents, on the same condition, receive a credit to the amount of half the term bill.

These scholarships are accessible, under certain restrictions, to all who present the requisite certificates of character, and sustain the examinations required for admission to the regular classes of the College.

### 2. PRIZE SCHOLARSHIP.

Among the several classes of scholarships founded by the late Dr. Eliphalet Nott,<sup>1</sup> is a class of Prize Scholarships.

An examination of candidates for these scholarships is held early in the first term of the Freshman Year, and also at a later period in the same year, and the appointments are made according to certain rules prescribed by the founder.

The pecuniary emolument of a Prize Scholarship is thirty-five dollars a term, or four hundred and twenty dollars for the whole College course, a provision which enables the incumbent after paying his College bills to retain the sum of one hundred and twenty dollars.<sup>2</sup>

The possession of a Prize Scholarship being an especial distinction, the incumbent is expected and required to maintain throughout his whole course, high standing as a student in all respects.

Among the rules which the incumbent is required to observe is one which forbids the use during the period of incumbency of intoxicating liquor as a beverage and of tobacco in all its forms.

## VI. MEDALS AND PRIZES.

1. THE BLATCHFORD ORATORICAL MEDALS.—HON. R. M. BLATCHFORD, LL.D., has founded an Oratorical Prize, consisting of two Gold Medals, of the value of the interest of \$1,000, to be given to the two members of the graduating class who shall deliver at Commencement the best Orations; "regard being had alike to their elevated and classical character, and to their graceful and effective delivery." These Medals, of the values of forty

---

<sup>1</sup> Few of these are yet actually endowed, but their ultimate endowment is secured by the prospective sale of valuable lands.

<sup>2</sup> Provision has been made for the case in which the incumbent may prefer to receive this sum, either in whole, or in part, in medals instead of money.



and thirty dollars for the Orations respectively first and second in merit, are awarded at the close of the exercises, by a committee appointed for the purpose.

2. THE WARNER PRIZE.—HON. H. G. WARNER, of Rochester, has founded an Annual Prize, consisting of a piece of Silver Plate of the value of \$50, to be awarded to "The Graduate of Union College Classical course, who shall reach the highest standing in the performance of collegiate duties, and also sustain the best character for moral rectitude and deportment, without regard to religious practice or profession." The prize awarded by the officers of the College, in accordance with the conditions prescribed by the donor, is presented at Commencement.

3. THE INGHAM PRIZE.—HON. ALBERT C. INGHAM, LL.D., of Meridan, N. Y., for the purpose of promoting a familiarity with the best English classics, has founded an Annual prize of seventy dollars (in the form of plate or money, as preferred), to be awarded to that member of the Senior Class (connected with the College for not less than two years), who shall present the best essay on one of two subjects previously assigned in English Literature or History. This Prize is awarded at Commencement by a committee appointed in accordance with certain conditions prescribed by the founder.

The essays offered for the Ingham prize for the year 1870, will be upon one of the two following subjects:

The Writings of Sir Francis Bacon, the Representative of the New Philosophy.

The Writings of Sir Walter Scott, the Representative of the Romantic School of English Literature.

4. PRIZE ESSAYS.—Prizes are awarded to the two members of the Senior class who present the best Essays in English literature, on subjects assigned the previous term.

The subjects for the Class Prize Essays for the year 1870, will be upon one of the two following subjects:

The Writings of S. T. Coleridge.

The Writings of Alexander Pope.

5. PRIZE SPEAKING.—Prizes are awarded to the two members of the Junior and Sophomore classes respectively, who deliver the best Orations on the occasion of Prize Speaking during Commencement week. Six Juniors and four Sophomores are selected for this exercise; regard being had both to composition and to delivery.

The Prizes are in the form of valuable books, and are announced at Commencement.

FINAL MERIT ROLL.—Students are reminded that the relative position occupied by the names of members of the graduating class on the final merit roll, depends entirely on the standing taken by each respectively on his examination when entering the class, and on his subsequent relative diligence, punctuality, gentlemanlike demeanor and moral conduct.







LIBRARY OF CONGRESS



0 028 363 480 2

Hollinger Corp.  
pH 8.5